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# Genesys Info Mart Physical Data Model for a PostgreSQL Database

Subject Areas

# Subject Areas

Genesys Info Mart contains several subject areas that are of interest for contact center historical reporting. Each subject area is presented as a star schema that contains a central fact table surrounded by the dimension tables and views that describe it.

## Creating Queries

Use the lists of related tables/views on the Subject Area pages to determine how best to query the information that is stored by Genesys Info Mart. For example, to report information on the history of each place in a place group:

1. Review the [Place\\_Group](#) subject area list of related tables/views. The `PLACE_GROUP_FACT_` table is related to dimension tables and dimension views that describe it. (As described in [Dimension Views](#), this document provides information about the `PLACE_GROUP_FACT` view, not the `PLACE_GROUP_FACT_` table.)
2. Construct a query that constrains the facts that are queried, based on the attributes of the dimension tables and views in the [Place\\_Group](#) subject area.

You can create queries that retrieve information from a single subject area. For example, you can query the tables in the [Resource\\_Group](#) subject area in order to retrieve information about the history of agent group membership. You can also create queries that combine information from multiple subject areas. For example, to determine how many interactions a particular agent group handles on a given day, you can create a query that combines information from the [Resource\\_Group](#) and [Interaction\\_Resource](#) subject areas.

As shown on the [Facts subject area](#) page, some fact tables contain direct references to other fact tables. Information from related fact tables can be used in combination. In addition, information from the following fact tables and views, which do not have direct references to each other, can be used in combination:

- [INTERACTION\\_RESOURCE\\_FACT](#) and [PLACE\\_GROUP\\_FACT\\_](#)
- [INTERACTION\\_RESOURCE\\_FACT](#) and [RESOURCE\\_GROUP\\_FACT\\_](#)
- [INTERACTION\\_RESOURCE\\_FACT](#) and [RESOURCE\\_SKILL\\_FACT\\_](#)

### Important

Please refer to the specific tables and views for each subject area for complete descriptions of all the columns. The related tables and views are listed on each subject area page, or see [Info Mart Tables](#) and [Info Mart Views](#) for a complete list of links.

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## List of Subject Areas

The Info Mart dimensional model includes the following subject areas.

| Subject Area                  | Description  |
|-------------------------------|--|
| Calling_List_Metric           | Represents a snapshot of outbound campaign calling list metrics.   |
| Calling_List_To_Campaign      | Represents the associations between calling lists and campaigns.   |
| Campaign_Group_Session        | Represents campaign groups as they are being loaded and unloaded.  |
| Campaign_Group_State          | Represents campaign groups from the perspective of states they go through, such as "Loaded", "Started", and "Unloading".   |
| Campaign_Group_To_Campaign    | Represents the associations between agent groups or place groups and campaigns.  |
| Contact_Attempt               | Represents outbound campaign contact record attempts. An attempt may or may not include dialing.   |
| Facts                         | Represents the relationships between subject area facts.   |
| Interaction                   | Represents interactions from the perspective of a customer experience.   |
| Interaction_Resource          | Represents a summary of each attempt to handle an interaction. It encompasses the mediation process that is required to offer the interaction to a target handling resource, as well as the activities of that target handling resource. |
| Interaction_Resource_State    | Allows facts to be described by the state of the associated agent resource. Each row describes one distinct media-specific agent state.  |
| Mediation_Segment             | Represents interaction activity from the perspective of contact center ACD queues, virtual queues, interaction queues, and interaction workbins, as well as groups thereof.  |
| Place_Group                   | Represents the membership of places among place groups.  |
| Resource_Group                | Represents the membership of contact center resources among resource groups.   |
| Resource_Skill                | Represents the skill resumes of agent resources.   |
| Summary_Resource_Session      | Represents agent resource media sessions from login to logout, summarized to the media type.   |
| Summary_Resource_State        | Represents agent resource states, summarized to the media type.  |
| Summary_Resource_State_Reason | Represents agent resource state reasons, summarized to the media type.   |

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